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FIGURE 1a

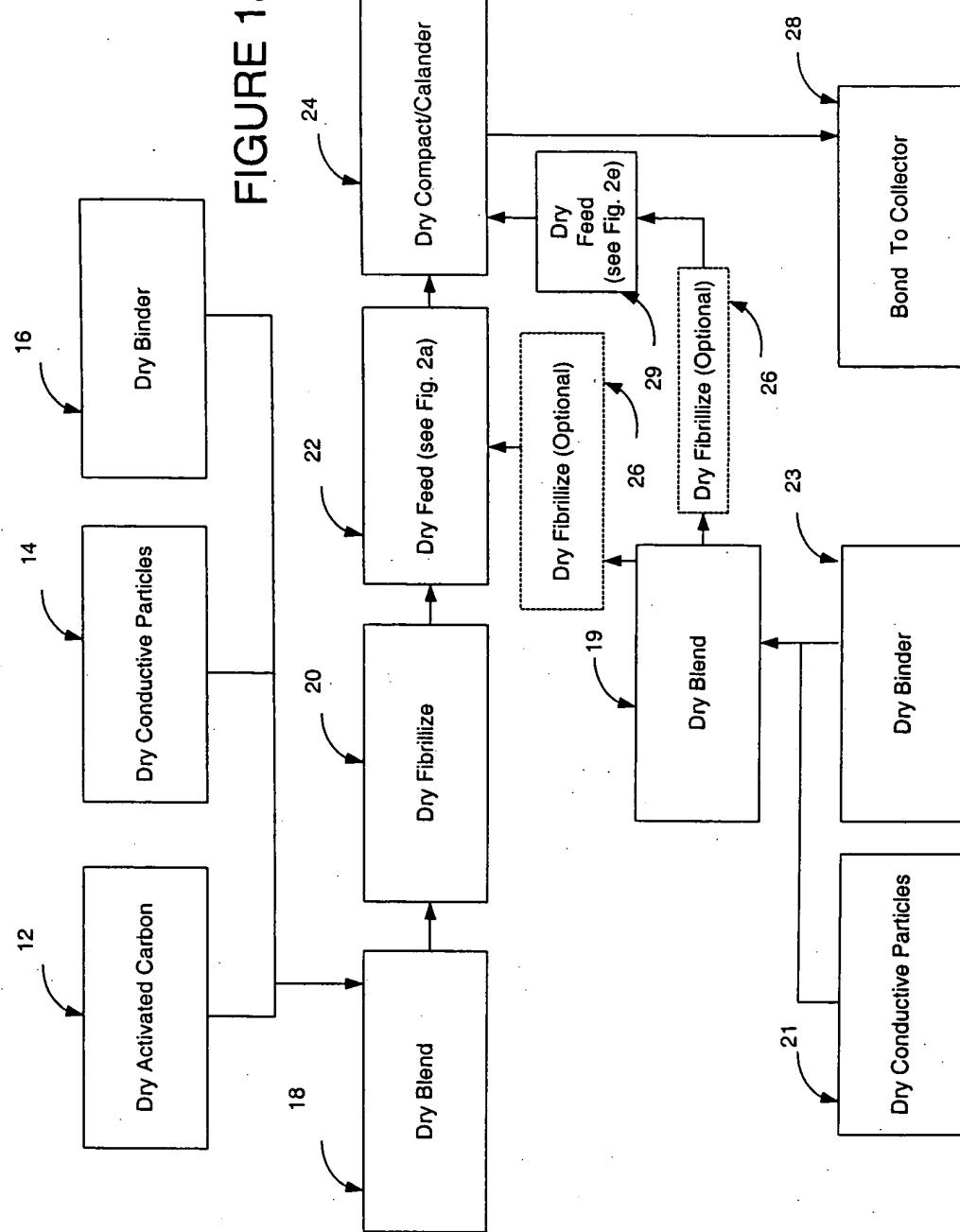
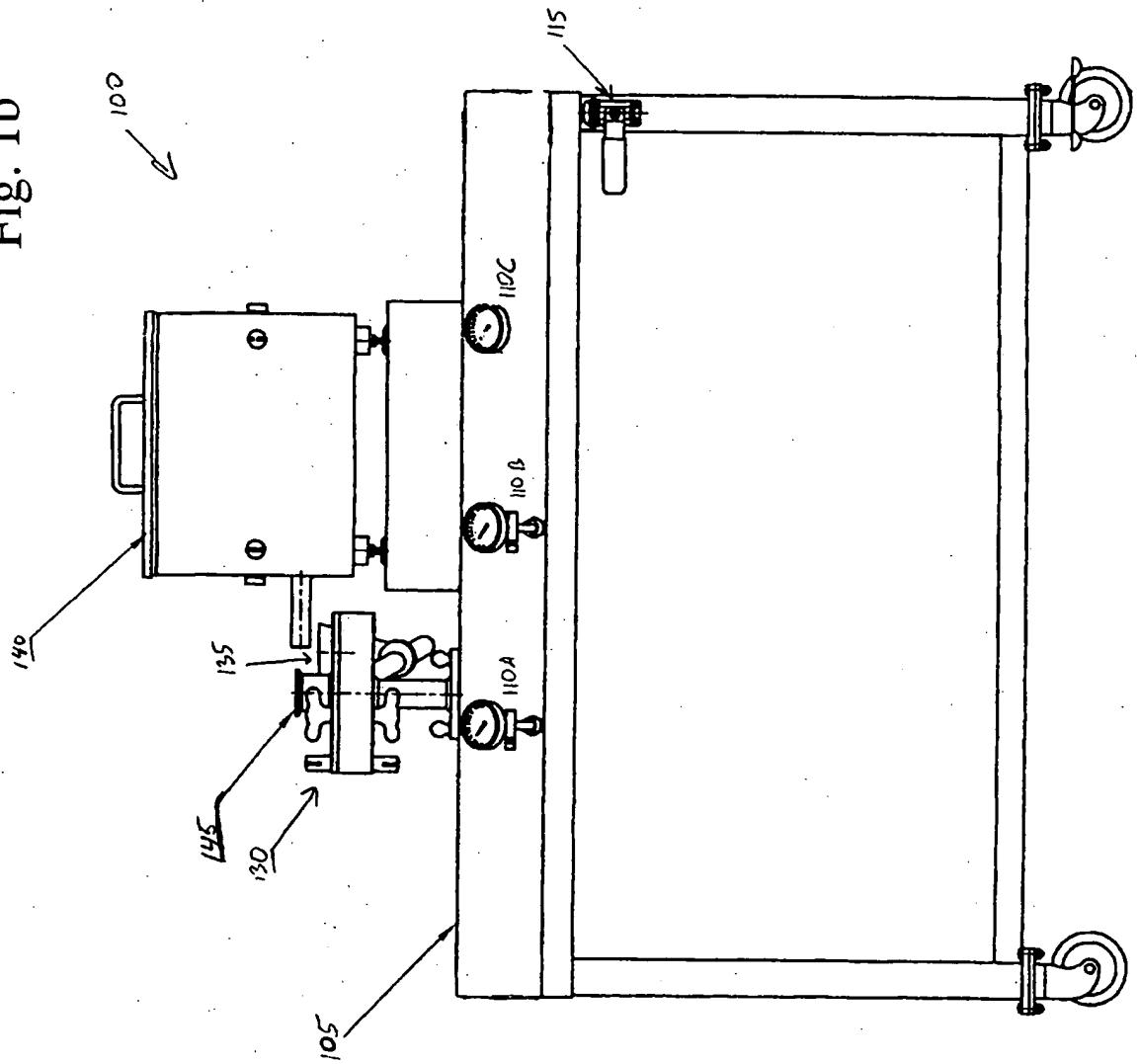


Fig. 1b



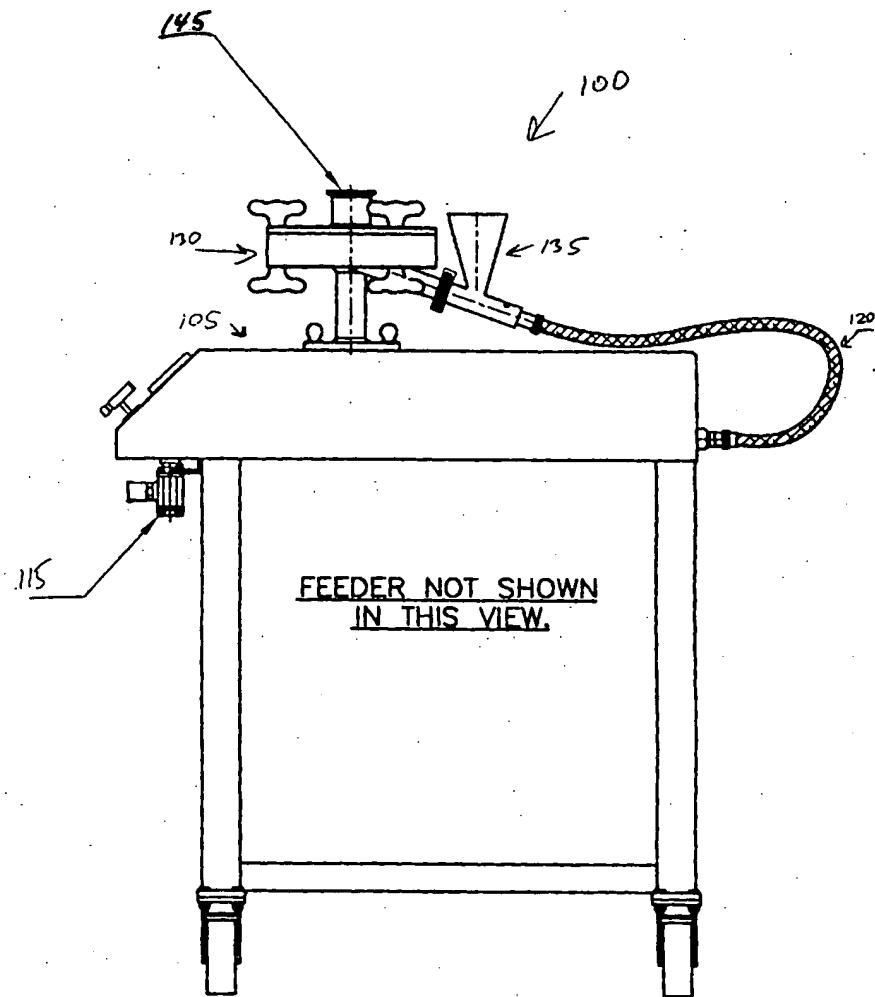


Fig. 1c

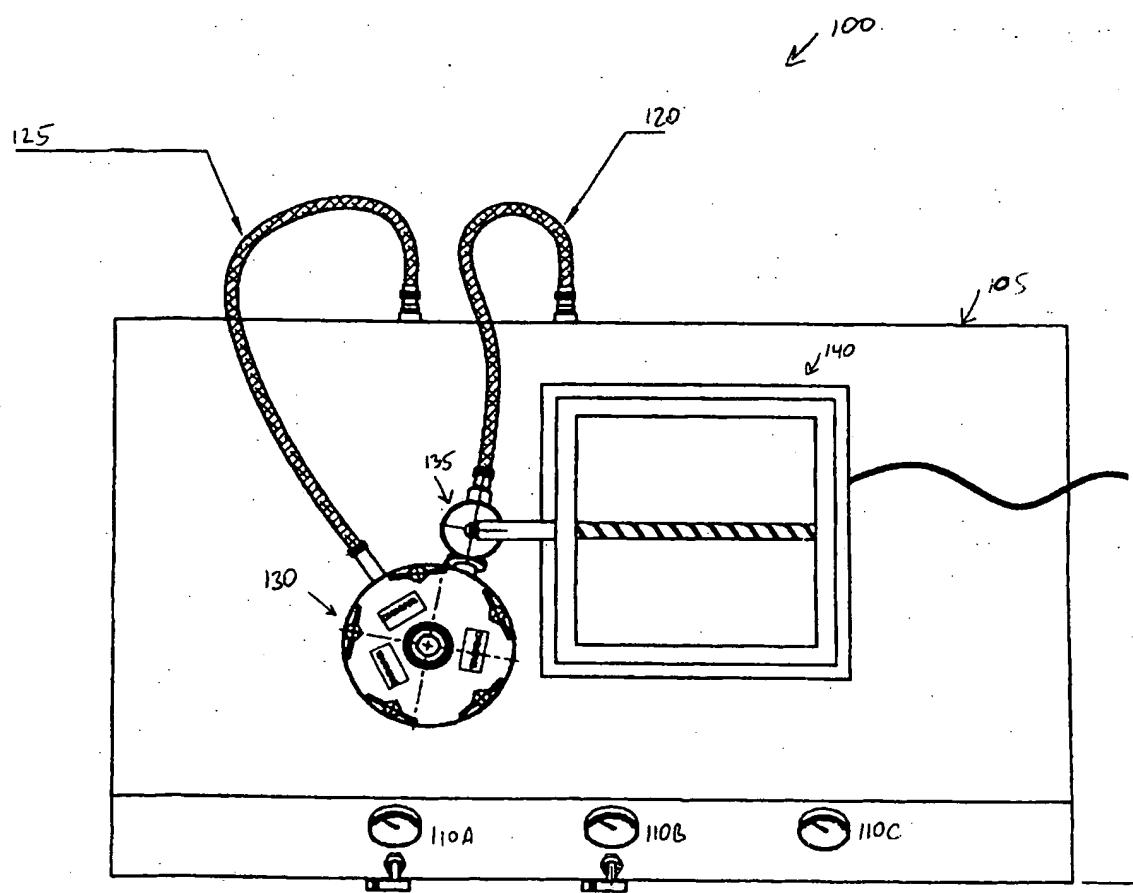


Fig. 1d

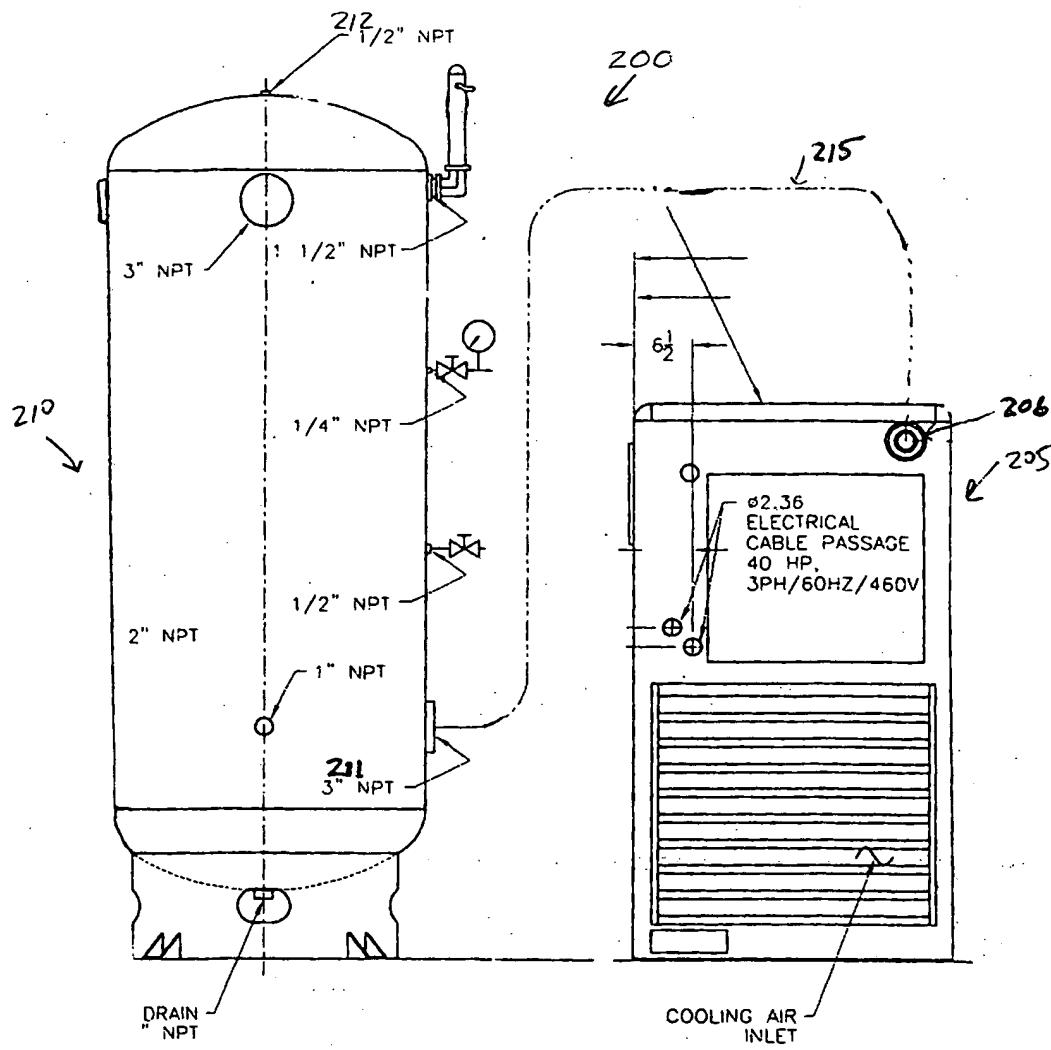
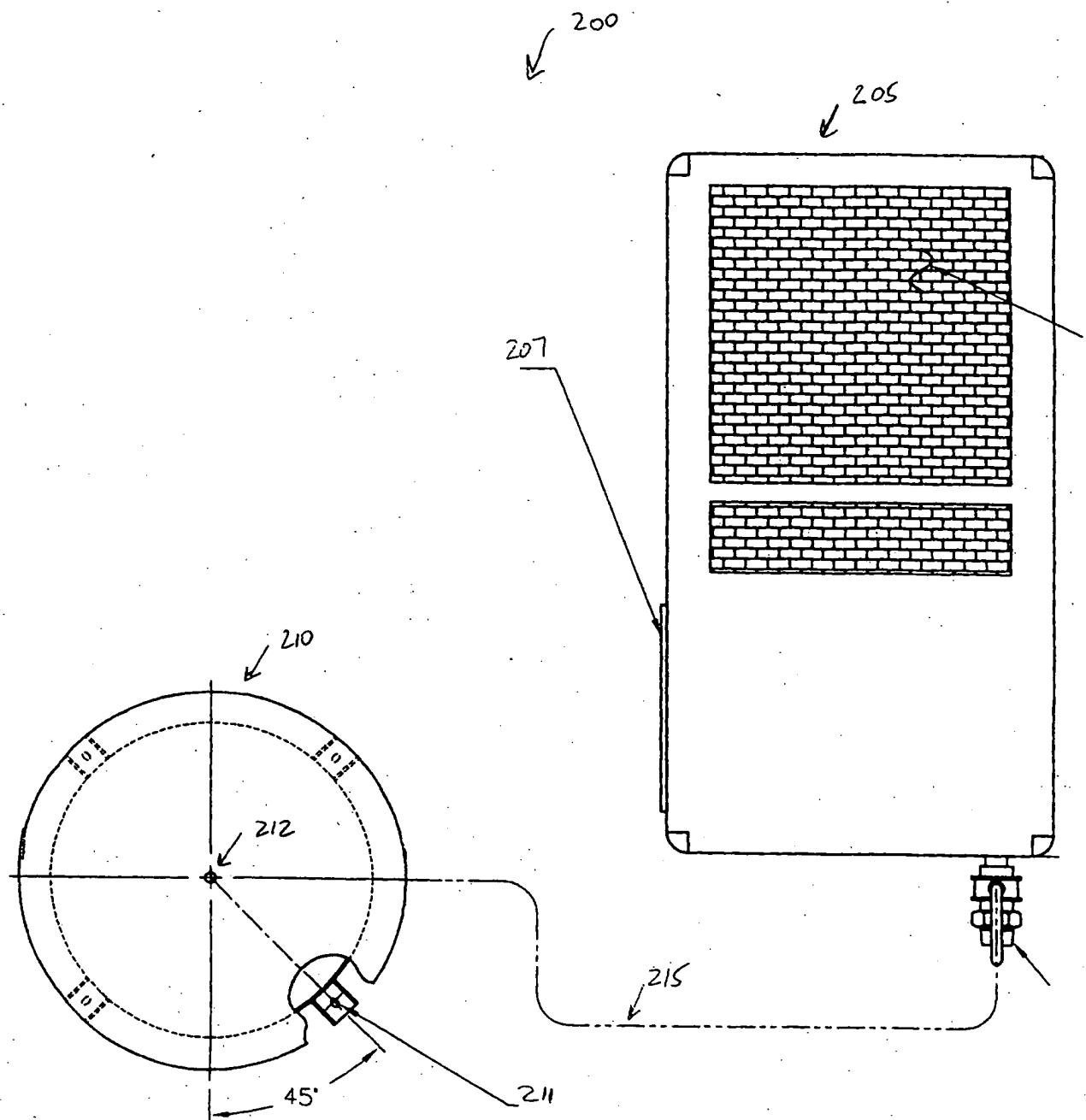


Fig. 1e

Fig. 1f



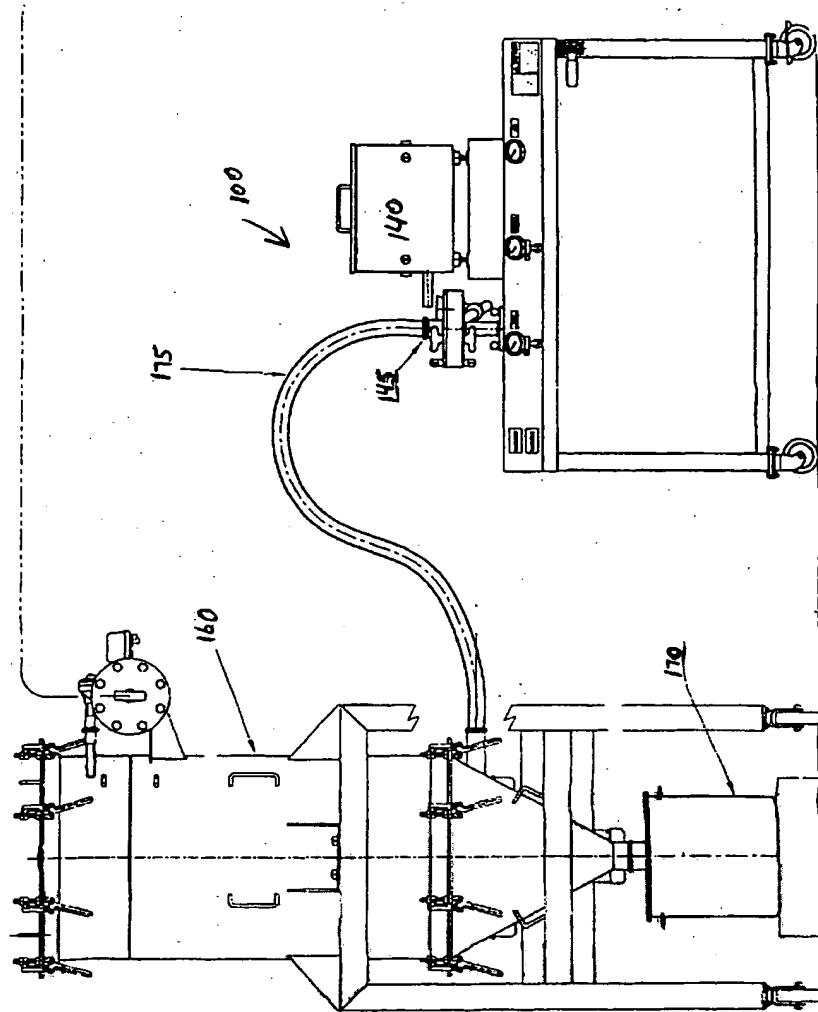


Fig. 1g

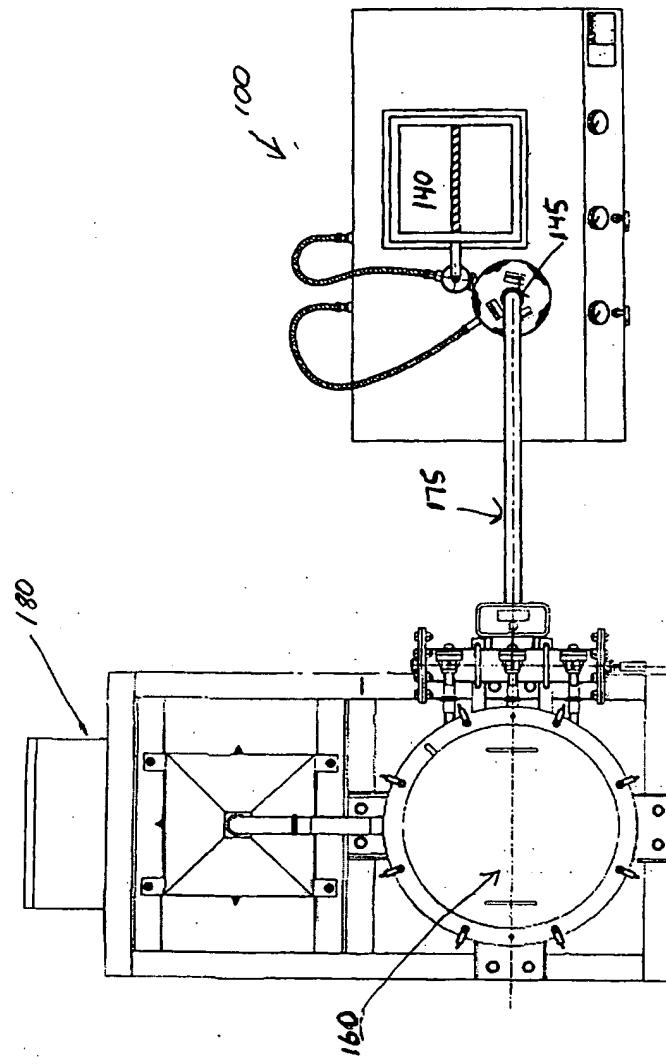


Fig. 1h

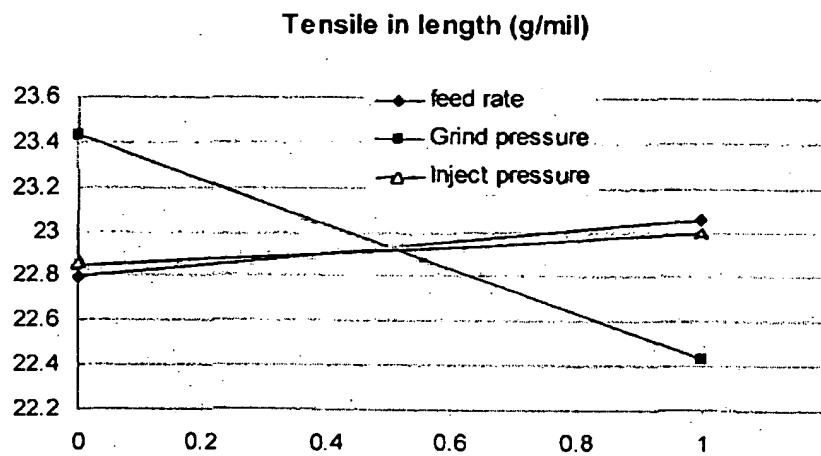


Fig. 1i

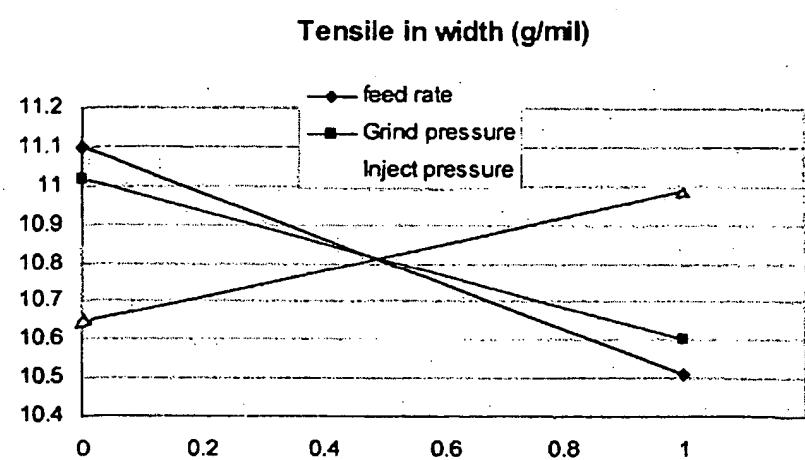


Fig. 1j

### Dry powder resistance

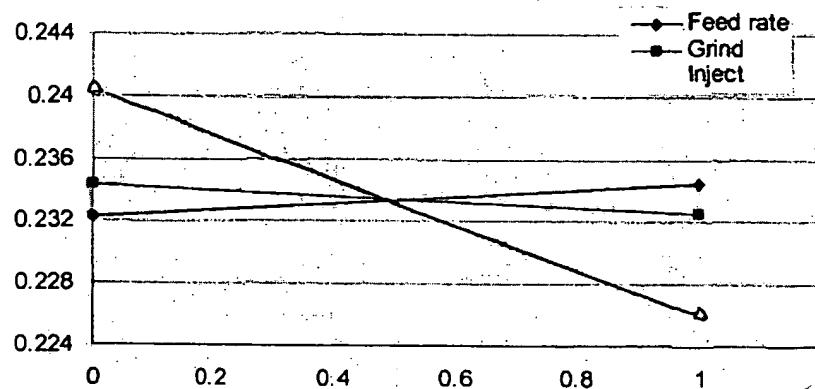


Fig. 1k

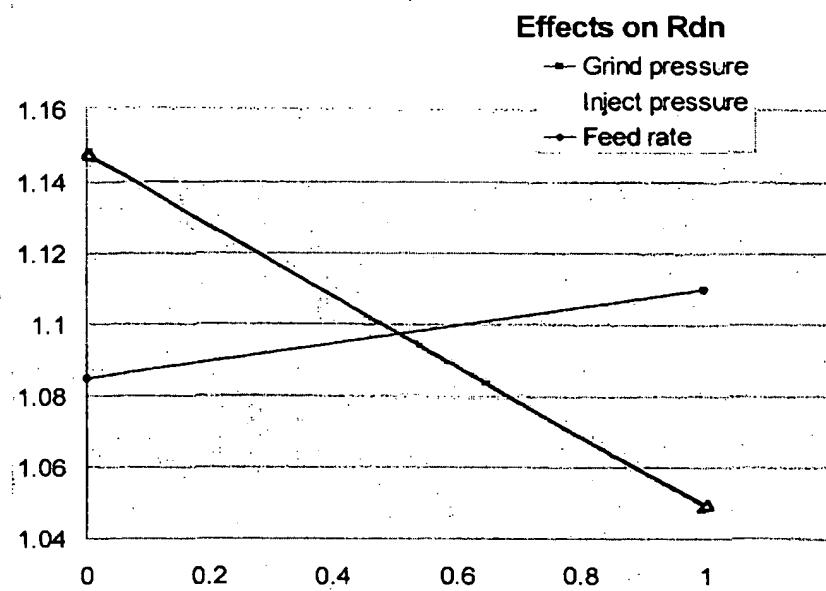


Fig. 1m

### Effects on Cup

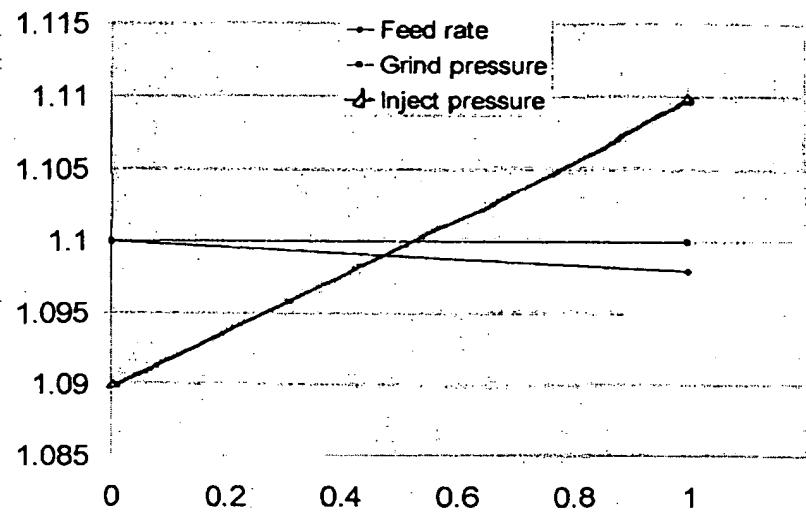


Fig. 1n

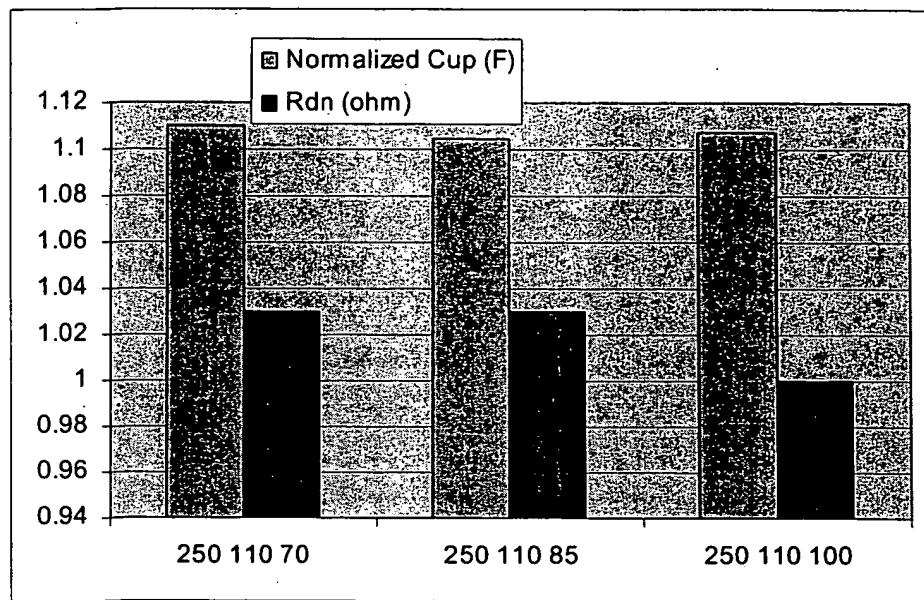


Fig. 1p

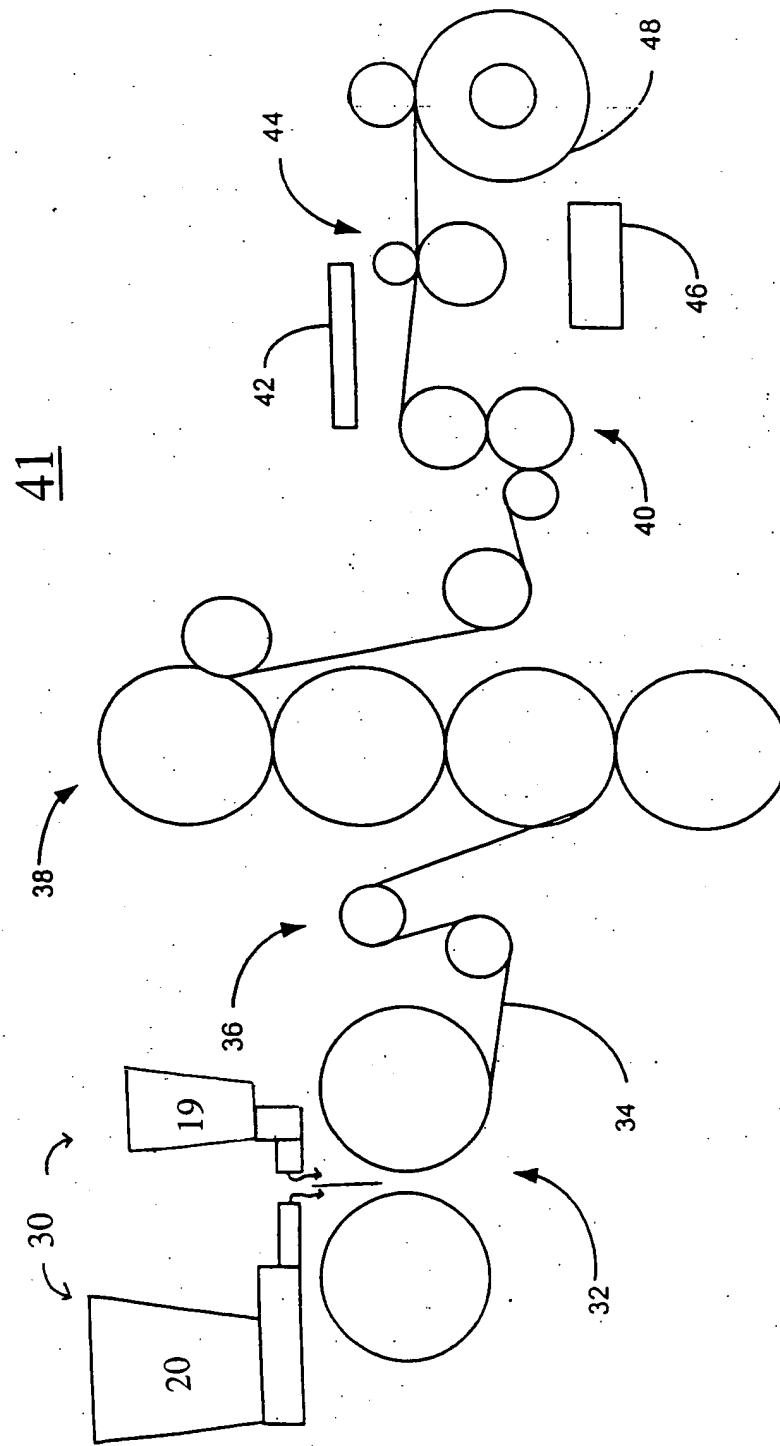
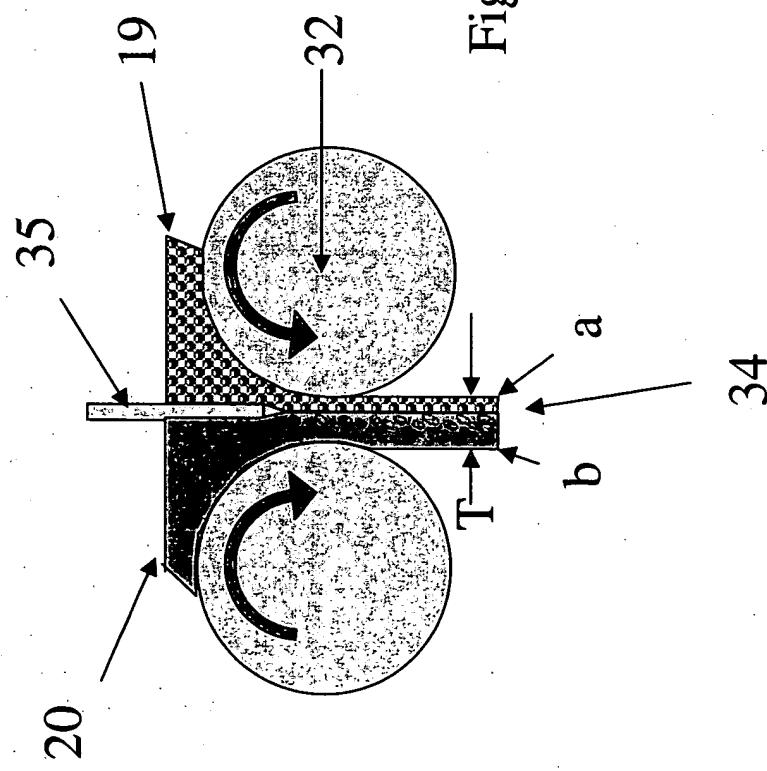


Fig. 2a

Fig. 2b



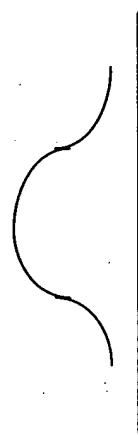


Fig. 2d

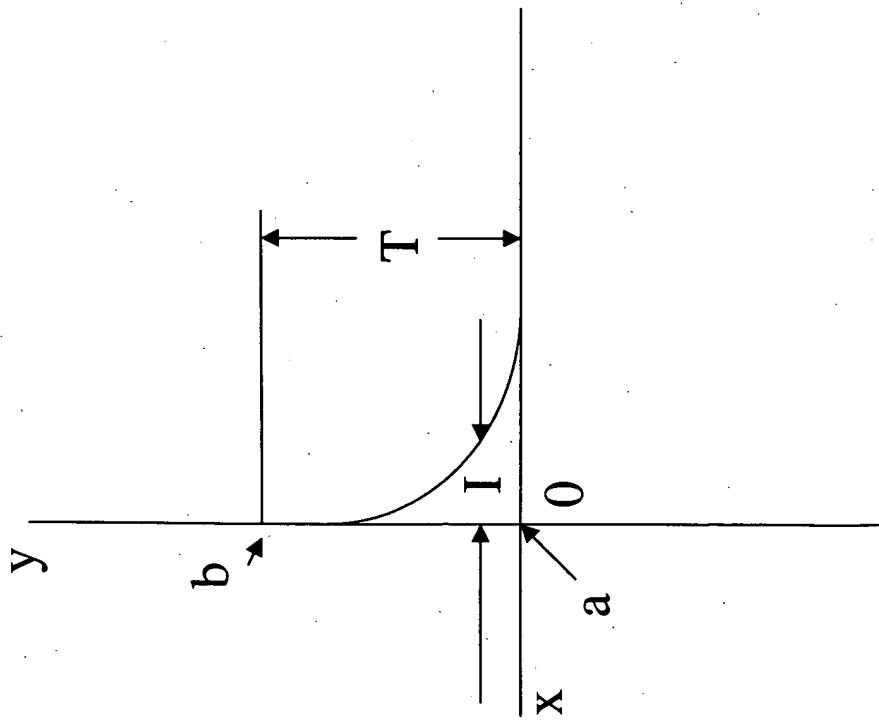


Fig. 2c

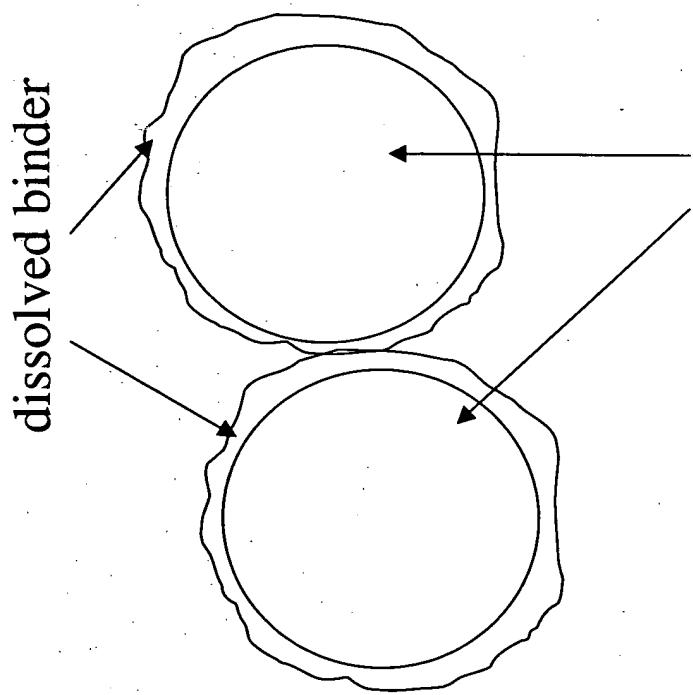
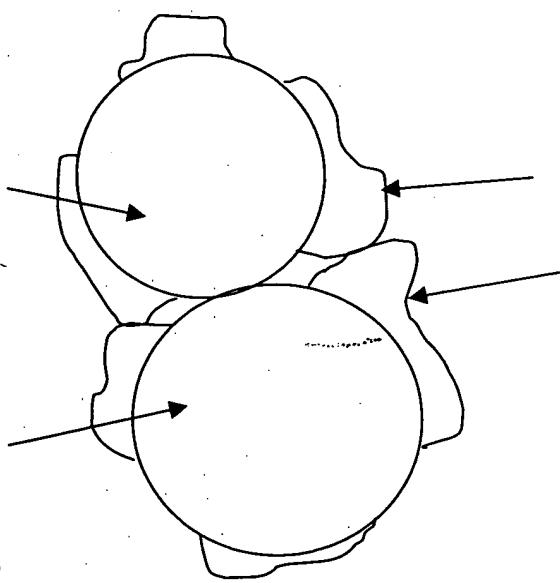


Fig. 2e

additive based carbon particles

dry carbon particles 12, 14, 21



softened dry binder particles 23

Fig. 2f

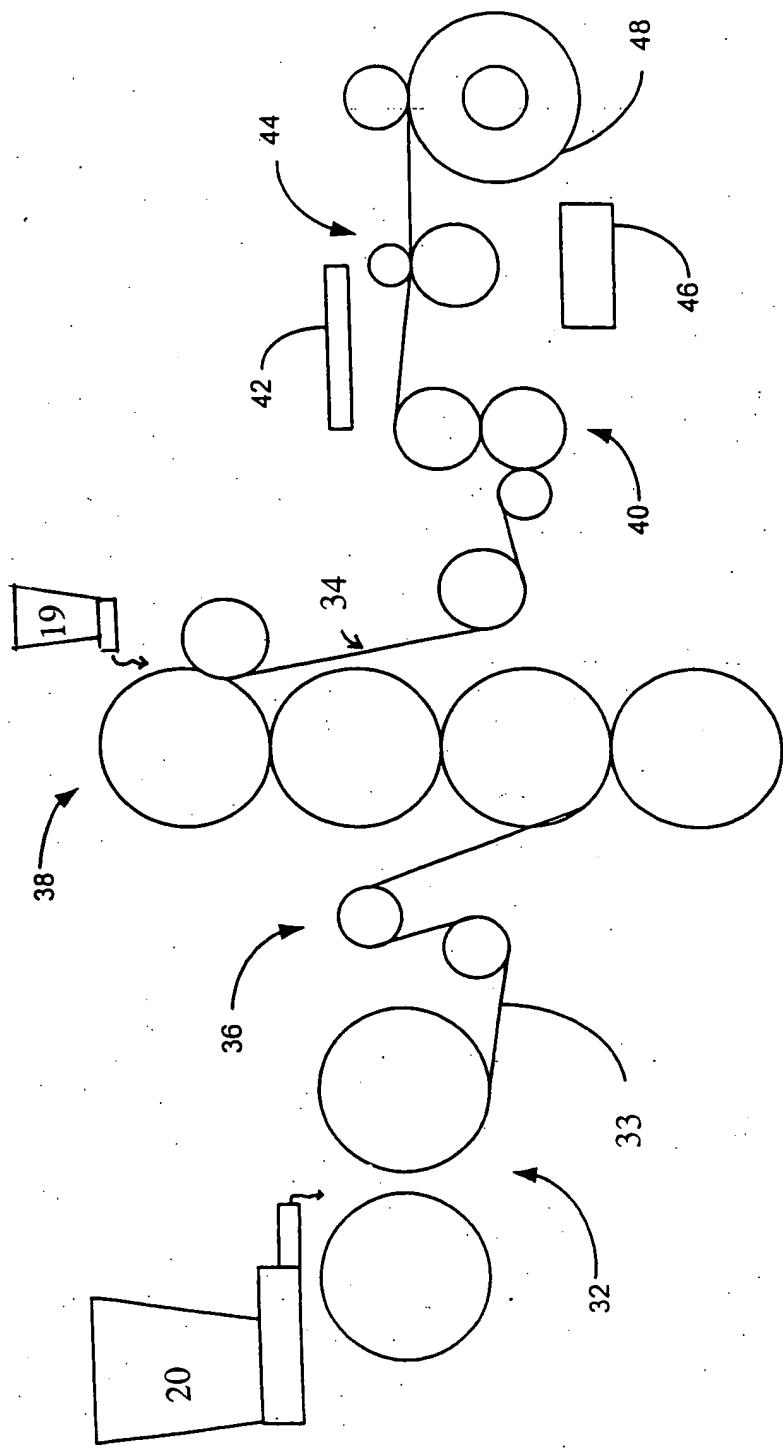


Fig. 2g

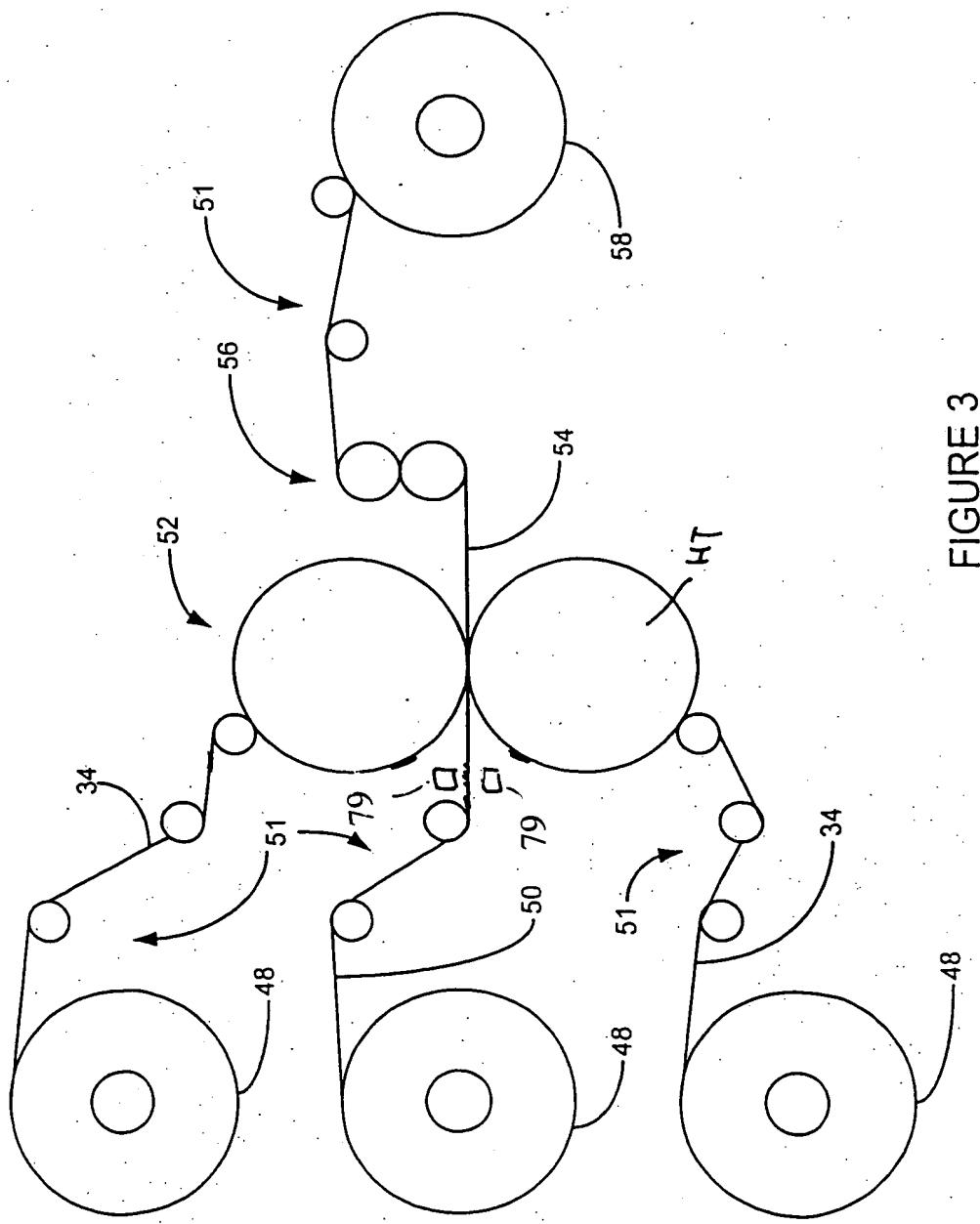


FIGURE 3

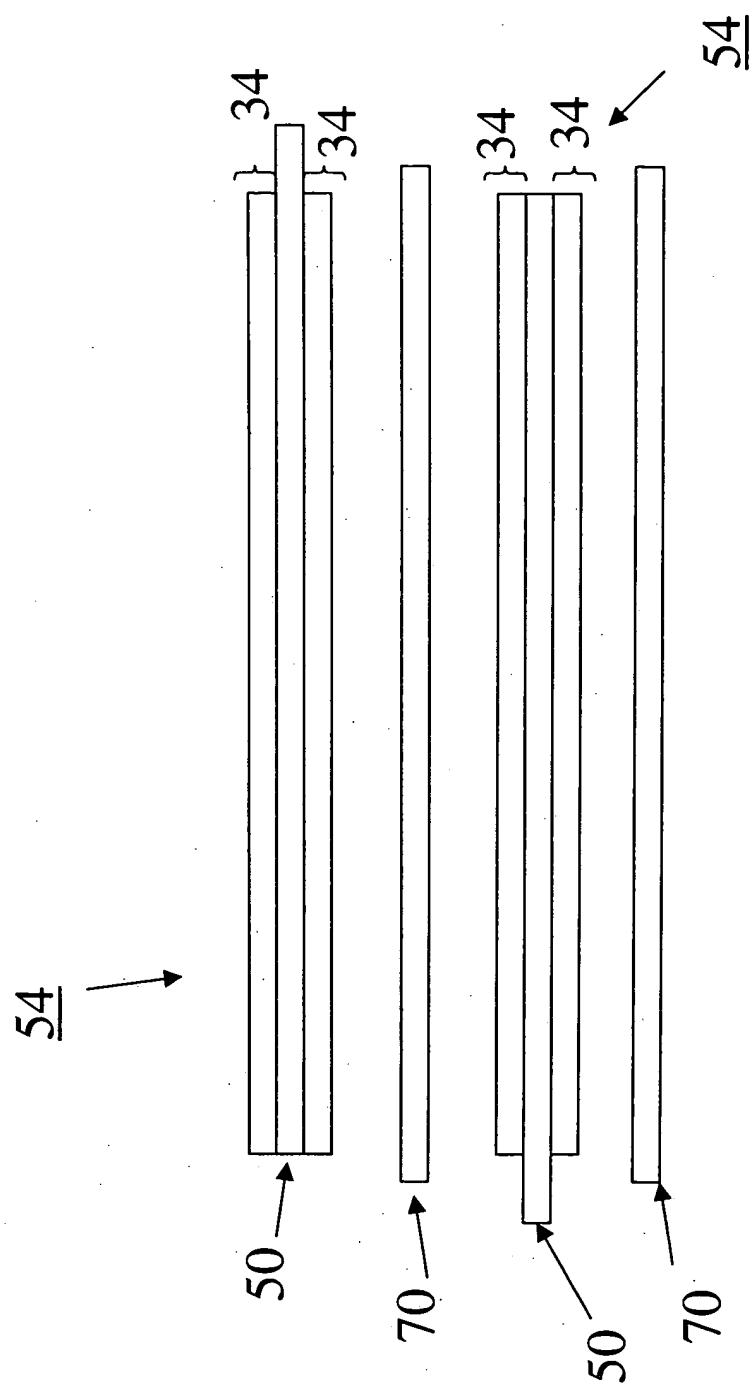


Fig. 4a

200

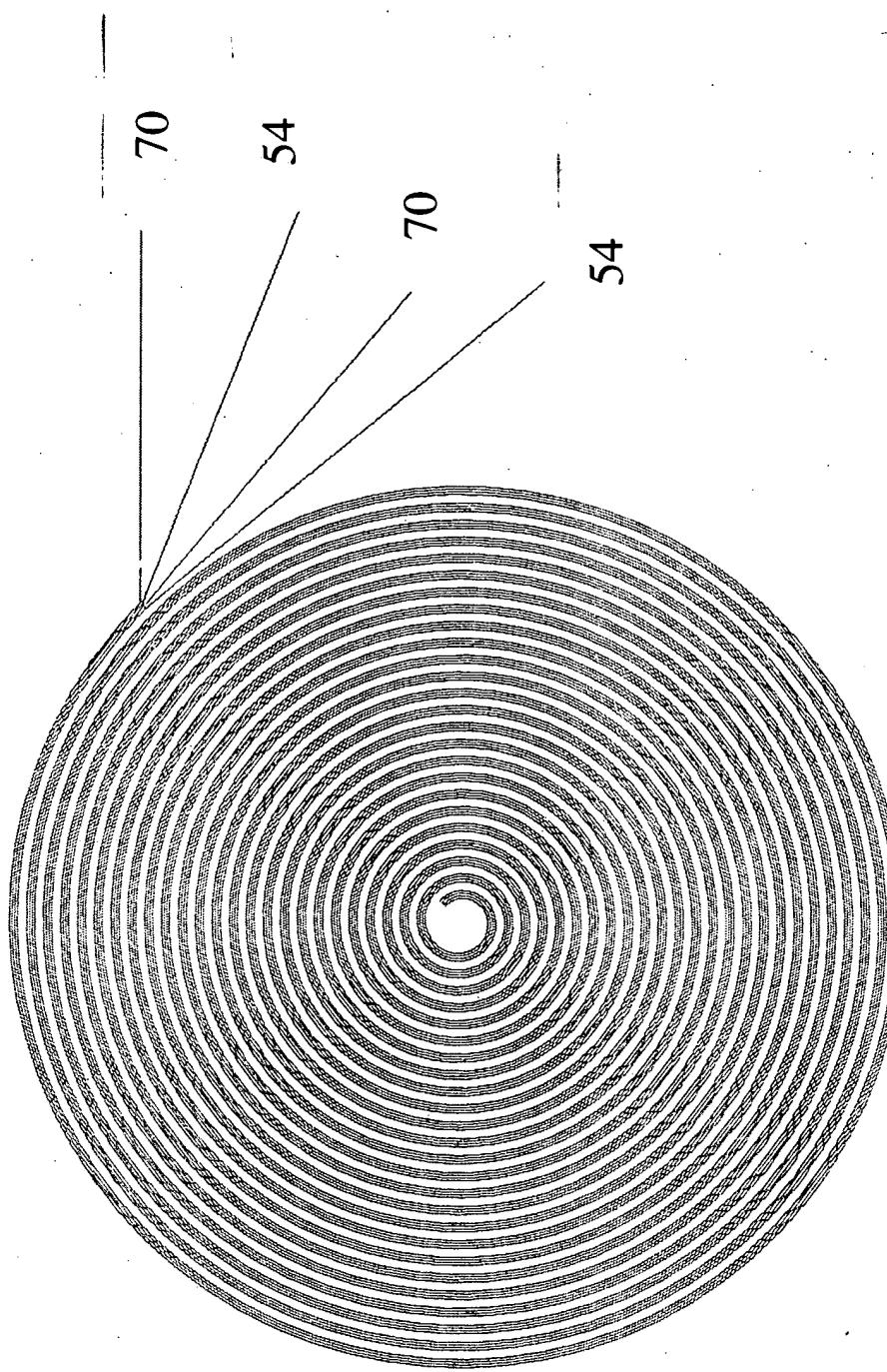


Fig. 4b

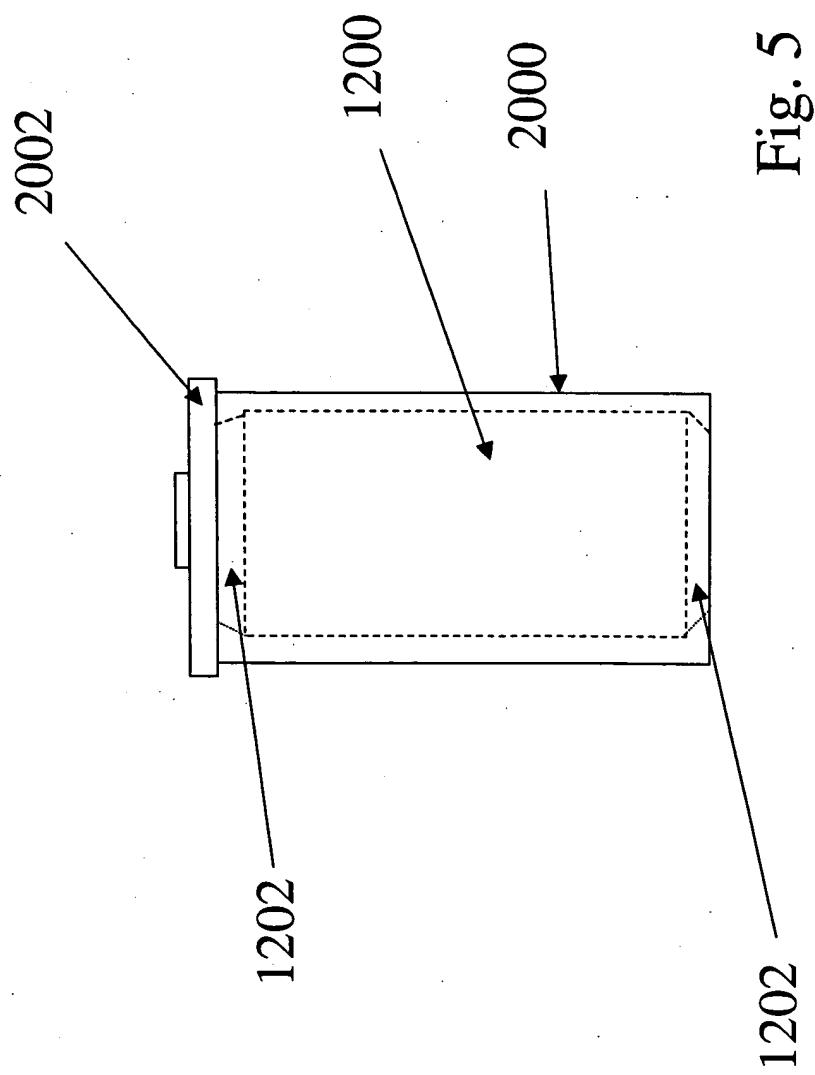


Fig. 5

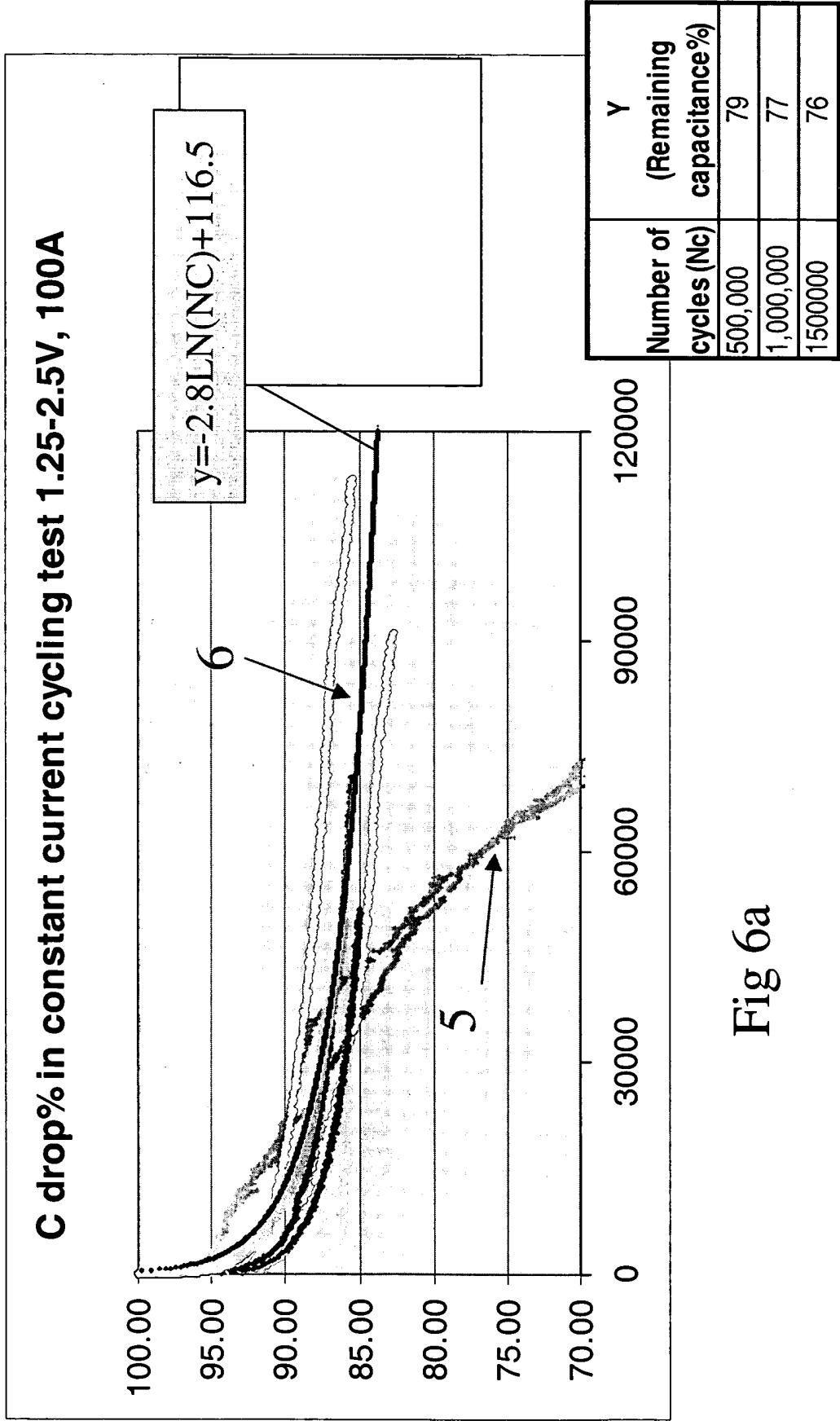


Fig 6a

**R increase% in constant current cycling test 1.25-2.5V, 100A**

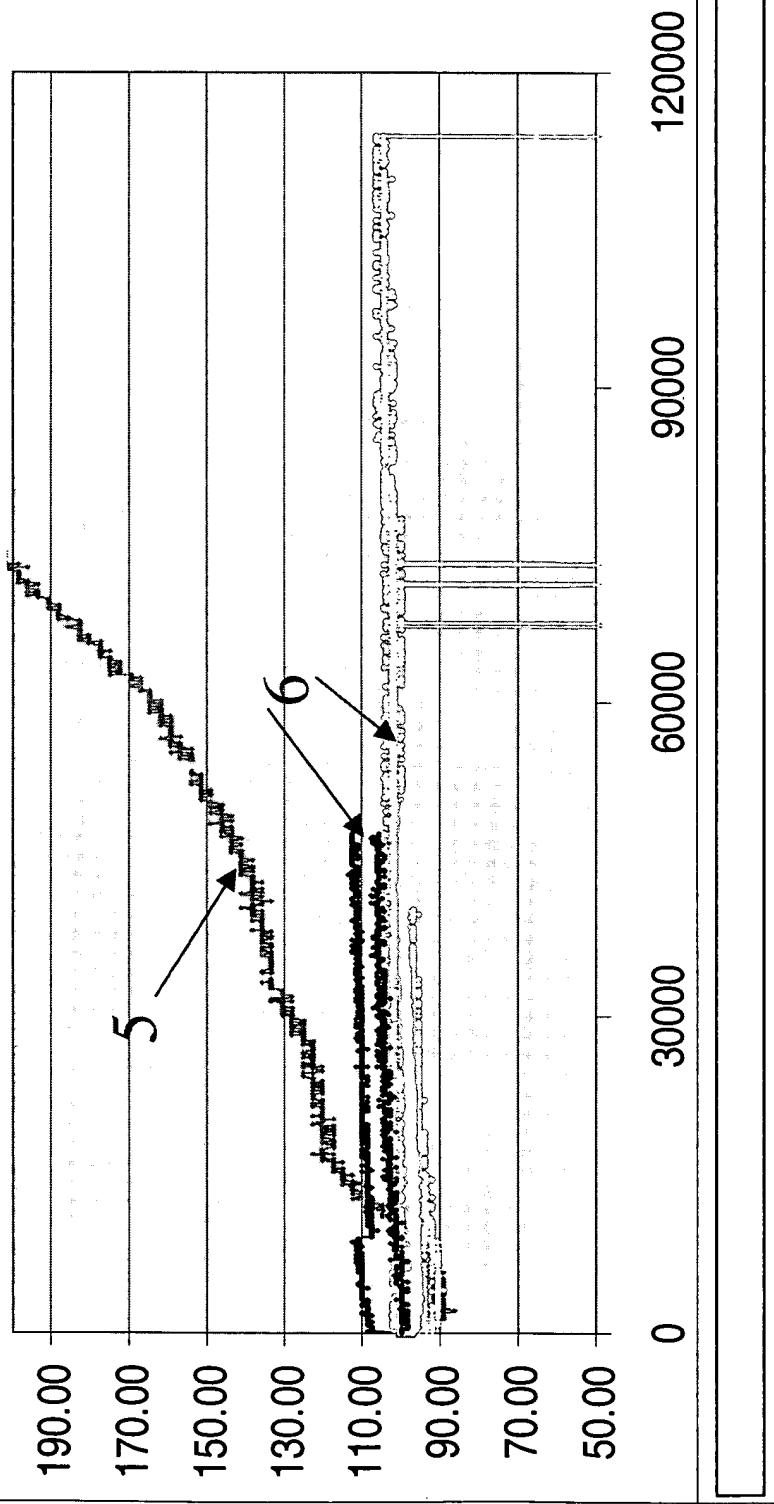


Fig. 6b

**After 1 week**

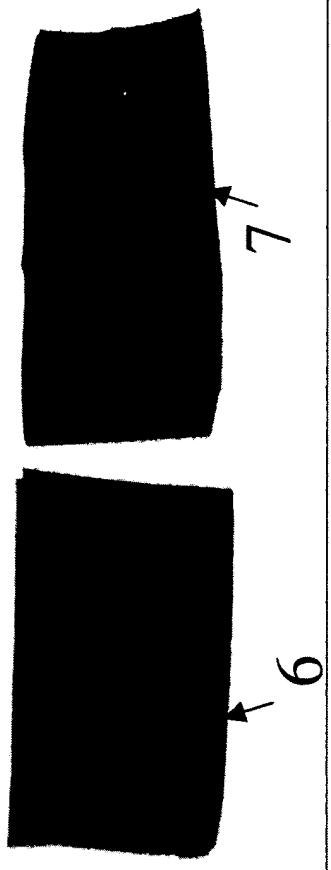
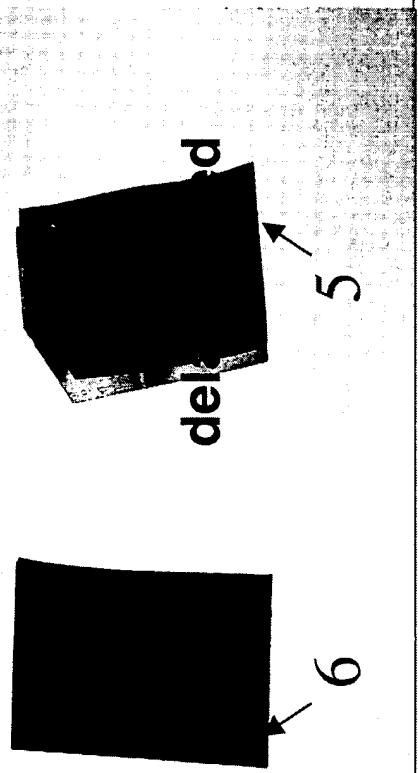


Fig. 6c

**After 1 month**

